

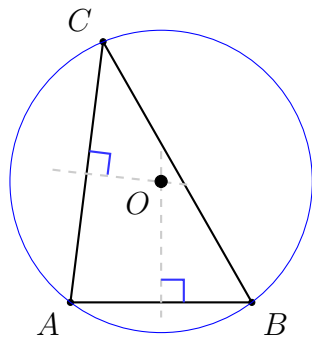
# Play with TikZ

Just Us

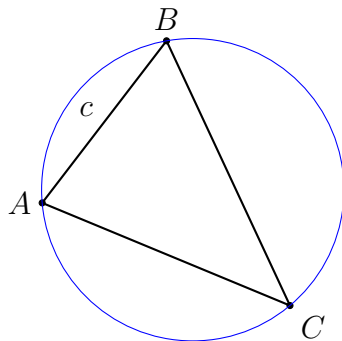
March 1, 2019

## 1 Law of Sines

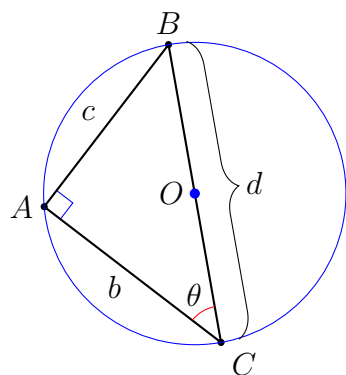
part A: law of sines a circumscribing circle



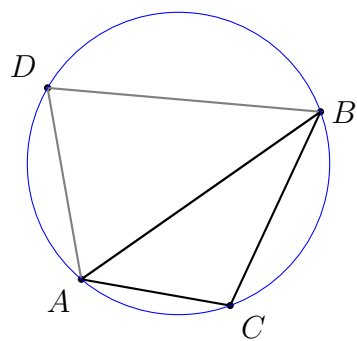
Kathy's version



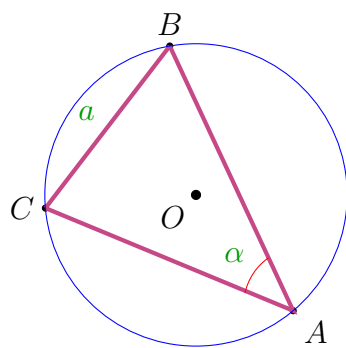
Kathy's second



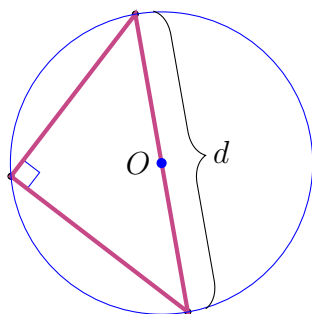
Kathy's third



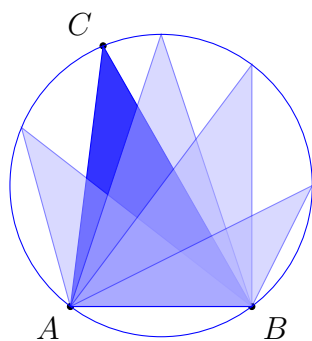
AMATYC Ignite first



Ignite second

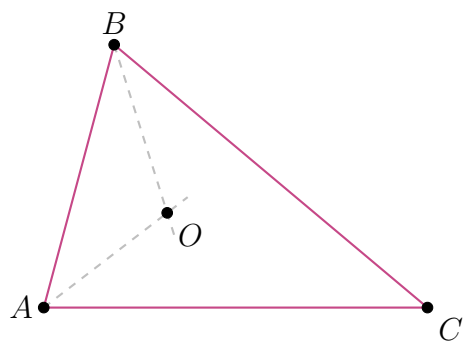


part B: law of sines a circumscribing circle

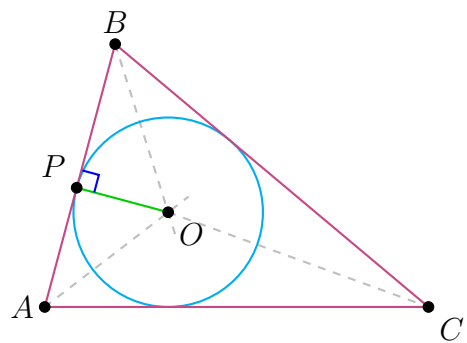


## 2 Heron's Formula

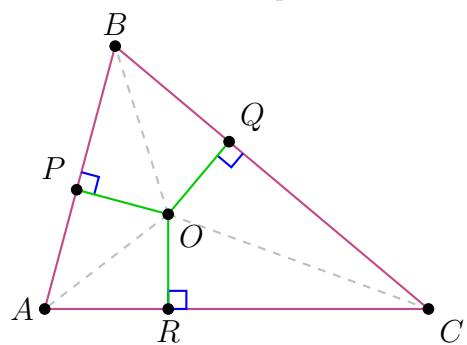
angle bisectors of triangle



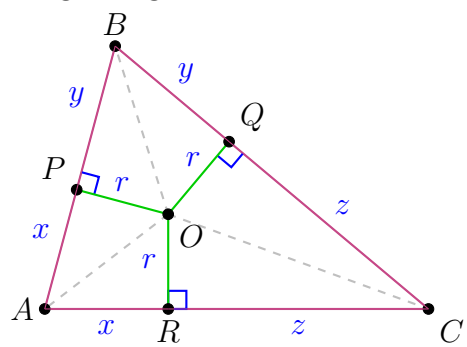
inscribed circle



area = radius \* semiperimeter



triangle lengths labeled



Heron

